Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: STREETWORKS

Report Number: P1457875

Luminaire Tested: GLAN-SB9A-840-U-T2LG-HSS

Issue Date: 05/20/2026

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1457875
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB9A-840-U-T2LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 9xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE II LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(234) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	28305.3 lumens
Efficiency:	N/A
Efficacy:	110.8 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B2 - U0 - G3

Input Watts (W):	255.5
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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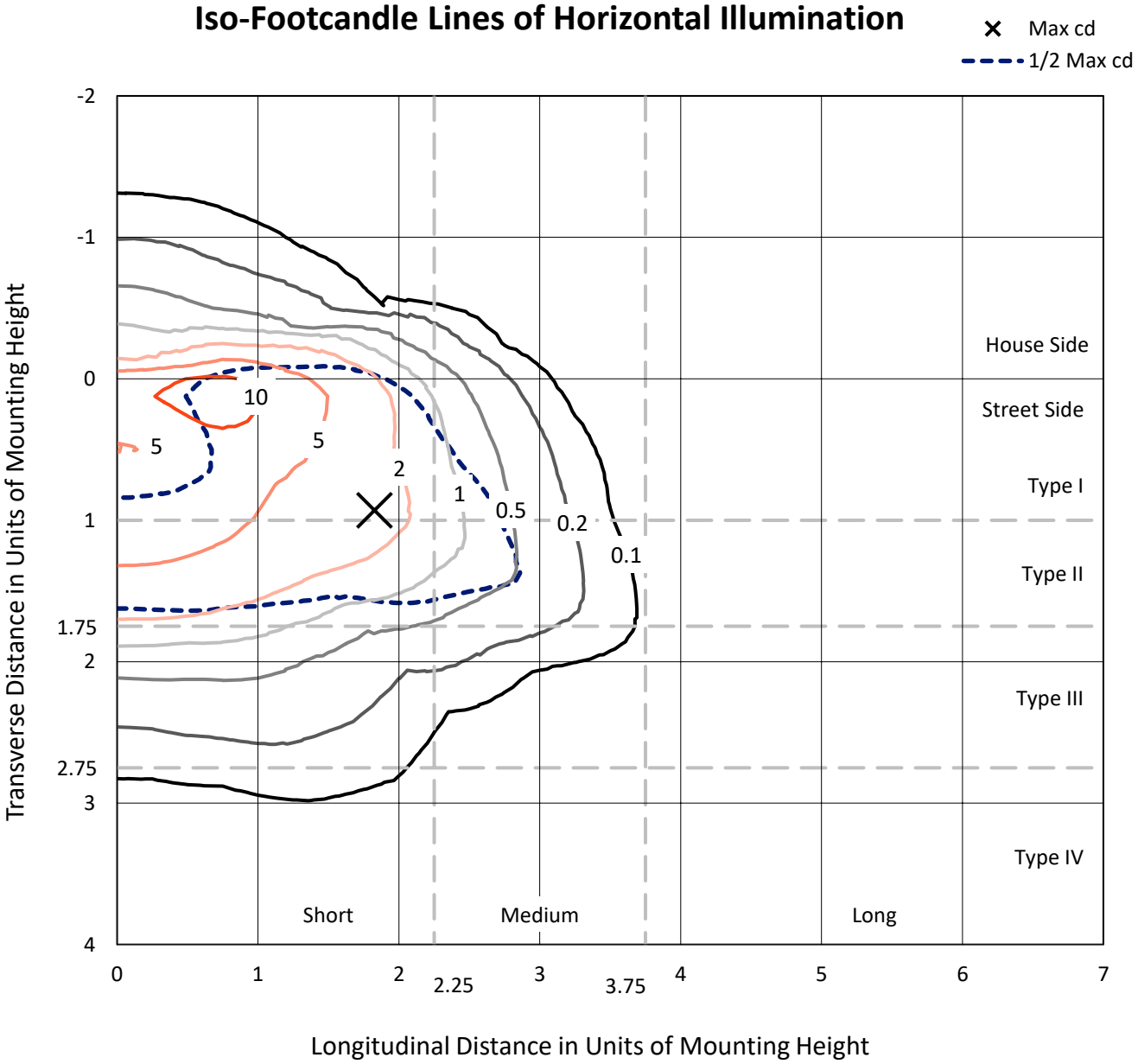
REPORT NUMBER: P1457875
CATALOG NUMBER: GLAN-SB9A-840-U-T2LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 13 fc
Type II - Short - N/A

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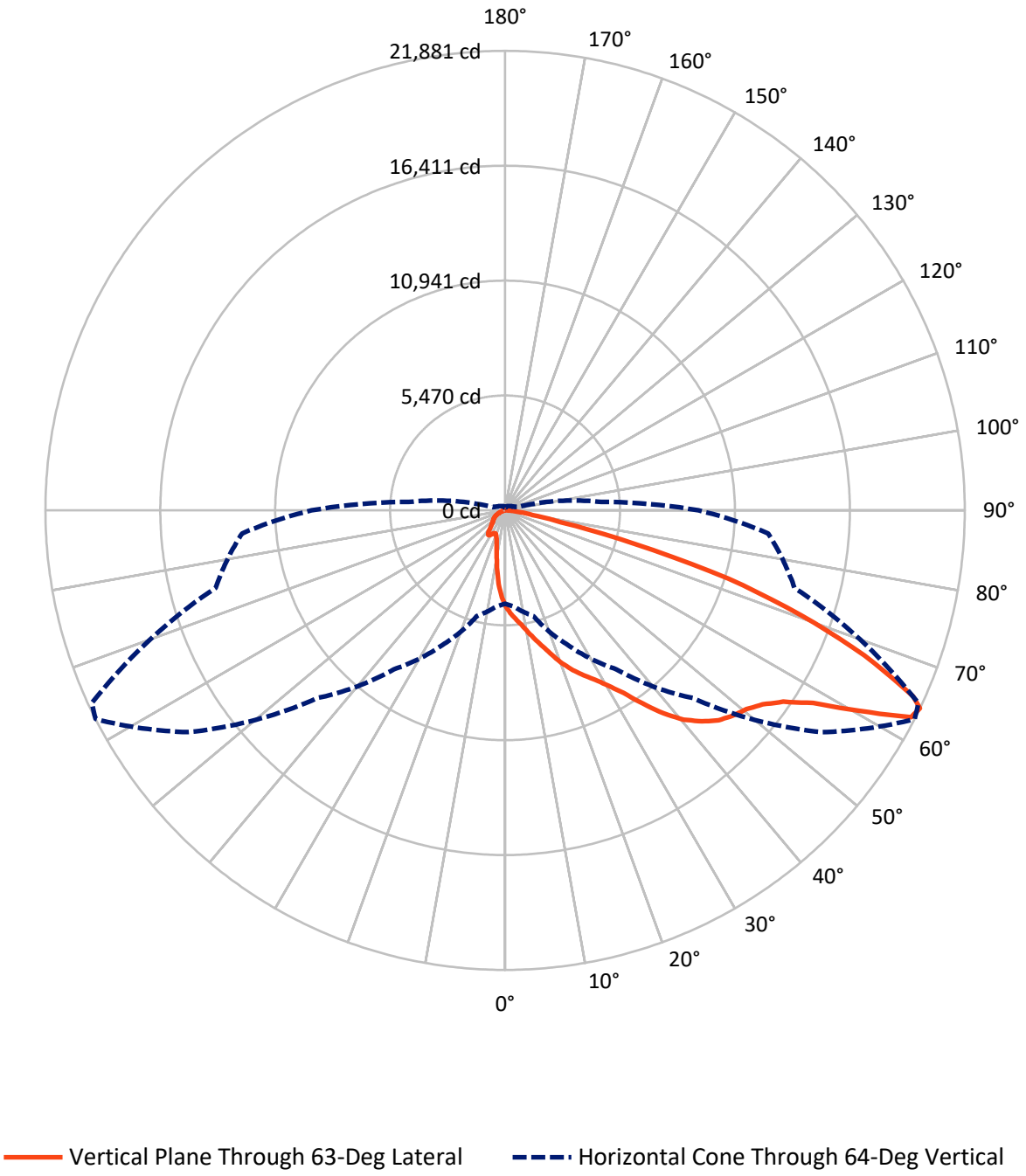
Luminous Intensity Polar Plot



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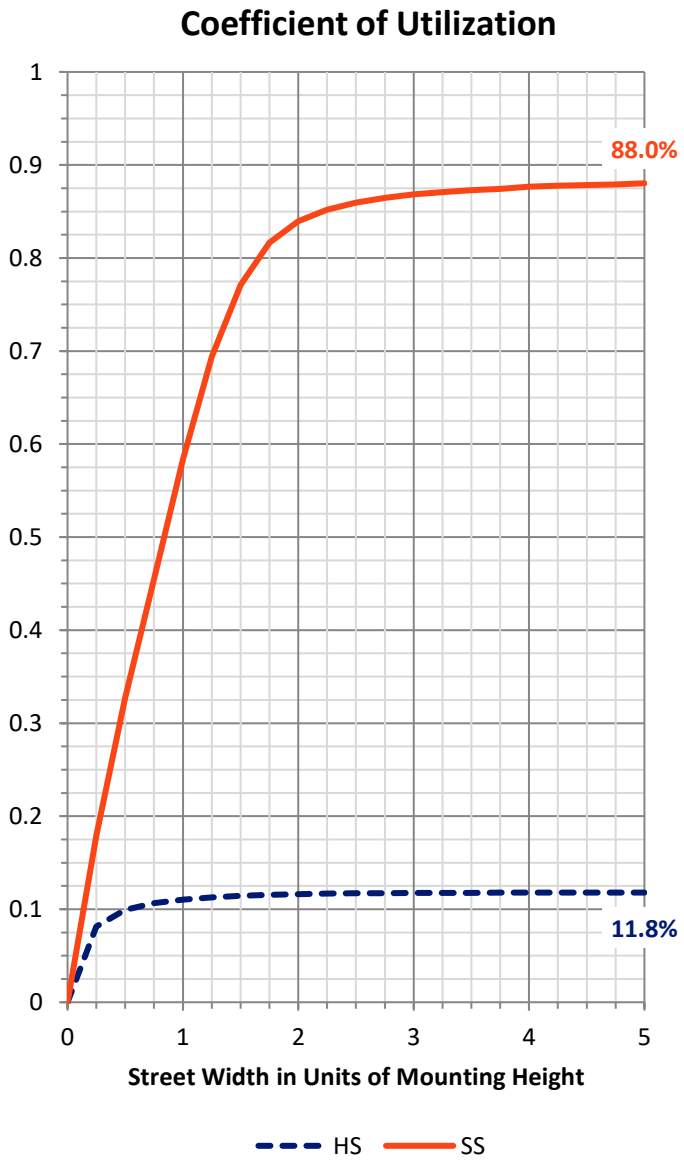
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3358.9	0.0	3358.9
	% Fixture	11.9	0.0	11.9
Street Side	Lumens	24946.4	0.0	24946.4
	% Fixture	88.1	0.0	88.1
Total	Lumens	28305.3	0.0	28305.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	385.4	1.4
10°-20°	1083.0	3.8
20°-30°	1928.9	6.8
30°-40°	3684.1	13.0
40°-50°	6106.7	21.6
50°-60°	7612.0	26.9
60°-70°	5676.0	20.1
70°-80°	1627.9	5.8
80°-90°	201.3	0.7
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	28305.3	100.0
0°-180°	28305.3	100.0



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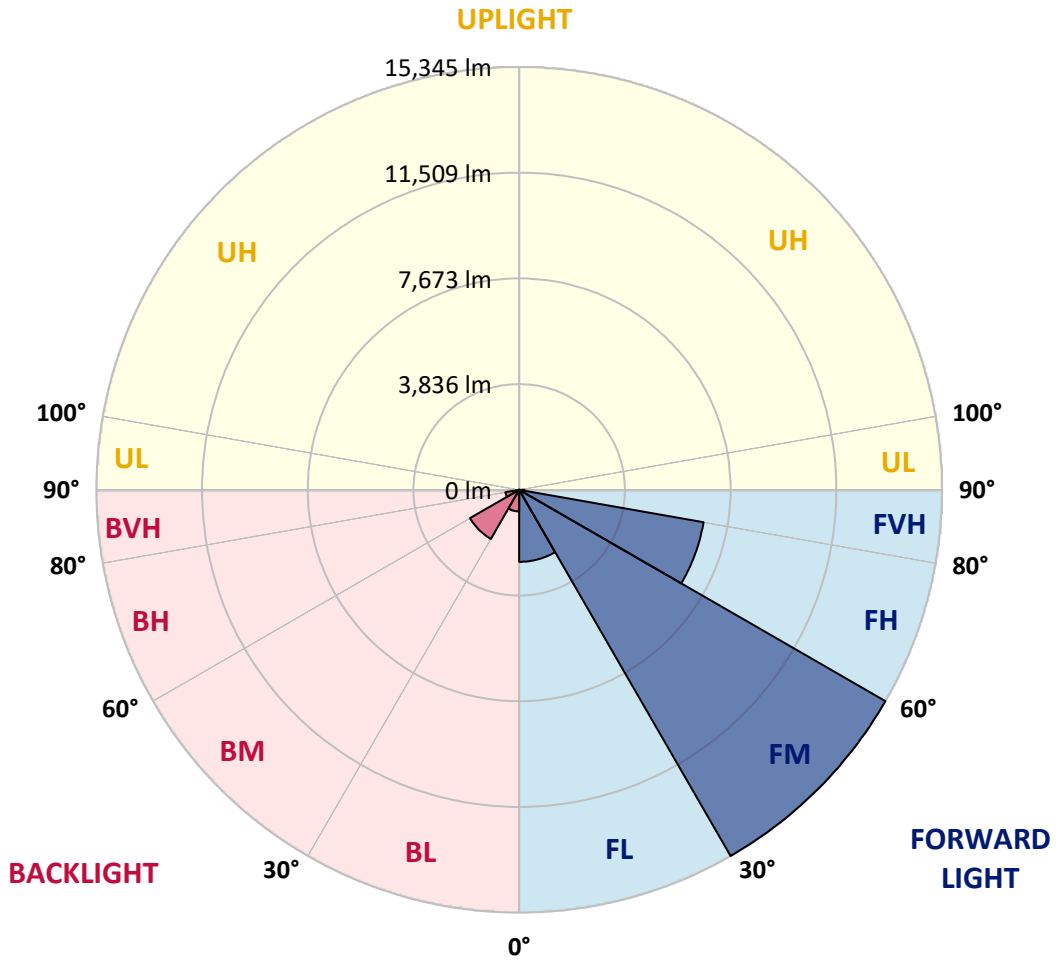
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2613.6	9.2			
FM	(30°-60°)	15345.5	54.2			
FH	(60°-80°)	6795.9	24.0			G3/7500
FVH	(80°-90°)	191.4	0.7			G2/225
BL	(0°-30°)	783.6	2.8	B2/1000		
BM	(30°-60°)	2057.4	7.3	B2/2500		
BH	(60°-80°)	508.0	1.8	B2/1000		G2/1000
BVH	(80°-90°)	9.9	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3
Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°	85°
0°	4576.6	4576.6	4576.6	4576.6	4576.6	4576.6	4576.6	*4576.6*	4576.6	4576.6	4576.6
2.5°	5128.5	5111.6	5094.6	5069.1	5035.1	5001.2	4958.7	*4899.3*	4873.8	4788.9	4687.0
5°	5391.8	5391.8	5383.3	5366.3	5349.3	5315.3	5264.4	*5188.0*	5154.0	5035.1	4856.8
7.5°	5459.7	5468.2	5493.7	5527.6	5578.6	5570.1	5570.1	*5485.2*	5468.2	5340.8	5103.1
10°	5340.8	5349.3	5417.2	5510.6	5663.5	5807.8	5909.7	*5858.8*	5833.3	5705.9	5408.7
12.5°	5171.0	5171.0	5281.4	5425.7	5663.5	5935.2	6232.4	*6283.3*	6291.8	6147.5	5790.8
15°	4729.5	4746.4	4924.8	5213.5	5604.0	6028.6	6529.6	*6724.8*	6775.8	6682.4	6257.8
17.5°	4143.6	4160.6	4338.9	4729.5	5315.3	6028.6	6784.3	*7234.3*	7302.2	7319.2	6852.2
20°	3897.4	3897.4	3999.2	4296.4	4907.8	5867.3	6937.1	*7777.7*	7930.6	8117.4	7506.0
22.5°	3931.3	3931.3	3990.8	4160.6	4653.0	5646.5	7030.5	*8261.7*	8575.9	9051.4	8346.6
25°	4118.1	4118.1	4169.1	4279.4	4678.5	5612.5	7208.8	*8694.7*	9195.7	10095.8	9306.1
27.5°	4415.3	4406.8	4449.3	4559.6	4924.8	5773.9	7506.0	*9127.8*	9688.2	11267.5	10409.9
30°	4848.3	4822.9	4839.8	4967.2	5323.8	6147.5	7939.1	*9679.7*	10248.6	12549.6	11632.6
32.5°	5850.3	5841.8	5595.5	5527.6	5909.7	6750.3	8533.4	*10367.5*	11004.3	13908.2	12889.3
35°	7658.9	7777.7	7429.6	6538.0	6614.5	7557.0	9382.5	*11301.5*	11887.4	15351.7	14256.3
37.5°	9492.9	9492.9	9348.6	8295.7	7760.7	8448.5	10299.5	*12261.0*	12872.3	16514.9	15572.4
40°	10944.9	11021.3	10851.5	10061.8	9365.5	9467.4	11216.6	*13101.6*	13662.0	17228.2	16506.4
42.5°	12023.2	12006.2	11938.3	11420.3	11029.8	10800.5	12048.7	*13729.9*	14264.8	17593.3	17092.3
45°	13186.5	13186.5	13093.1	12668.5	12345.9	12150.6	12668.5	*14256.3*	14816.7	17814.0	17457.4
47.5°	14400.7	14383.7	14290.3	13823.3	13475.2	13186.5	13296.9	*14596.0*	15156.4	17669.7	17516.9
50°	14697.9	14680.9	14893.2	14910.1	14596.0	14044.1	13797.8	*14884.7*	15377.1	17678.2	17703.7
52.5°	14349.7	14451.6	14765.8	15147.9	15504.5	14927.1	14332.7	*15343.2*	15852.6	17915.9	18170.7
55°	13483.7	13526.1	14129.0	14740.3	15572.4	15776.2	15190.3	*16073.4*	16523.4	18145.2	18586.7
57.5°	11870.4	12031.7	12677.0	13738.4	15003.5	15852.6	16684.7	*17296.1*	17635.7	18238.6	18357.5
60°	8958.0	9042.9	10443.9	11819.4	13823.3	15241.3	18077.3	*19367.9*	19325.4	17185.7	16752.7
62.5°	5451.2	5527.6	6529.6	8711.7	11233.5	13967.6	18544.3	*21685.9*	21456.7	15411.1	14103.5
64°	*4440.8*	*4585.1*	*5205.0*	*7073.0*	*9238.2*	*12634.6*	*18408.4*	*21881.2*	*21702.9*	*14264.8*	*12566.6*
65°	3795.5	3990.8	4627.6	6139.0	7854.1	11199.6	18034.8	*21337.8*	21218.9	13568.6	11293.0
67.5°	2386.0	2479.4	3421.9	4771.9	5408.7	7166.4	15504.5	*18450.9*	18663.1	12091.1	8329.6
70°	1774.6	1817.1	2352.0	3693.6	4220.0	4169.1	10647.7	*14944.1*	14995.0	9671.2	5026.7
72.5°	1290.6	1299.1	1647.2	2734.1	3303.0	2844.5	5612.5	*11106.2*	10741.1	5663.5	2742.6
75°	857.6	891.6	1154.8	1927.4	2572.8	2088.8	2555.8	*6325.8*	6215.4	2768.1	1570.8
77.5°	628.3	636.8	781.2	1290.6	2020.8	1536.9	1545.4	*2725.6*	2810.5	1647.2	993.4
80°	356.6	373.6	509.5	789.7	1316.1	1052.9	866.1	*1316.1*	1511.4	1120.8	662.3
82.5°	212.3	229.3	365.1	517.9	900.0	433.0	441.5	*721.7*	900.0	806.6	356.6
85°	127.4	135.9	229.3	280.2	534.9	288.7	161.3	*356.6*	467.0	475.5	195.3
87.5°	84.9	84.9	127.4	118.9	152.8	135.9	67.9	*93.4*	118.9	161.3	76.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0

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Scaled Data Report

REPORT NUMBER: P1457875
CATALOG NUMBER: GLAN-SB9A-840-U-T2LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4576.6	4576.6	4576.6	4576.6	4576.6	4576.6	4576.6	4576.6	4576.6	4576.6	4576.6
2.5°	4602.1	4551.2	4398.3	4194.5	4007.7	3863.4	3685.1	3566.2	3455.8	3455.8	3362.4
5°	4712.5	4576.6	4203.0	3736.0	3235.1	2759.6	2453.9	2114.3	2003.9	1910.5	1927.4
7.5°	4899.3	4653.0	3990.8	3150.1	2352.0	1842.5	1502.9	1350.1	1282.1	1239.7	1248.2
10°	5128.5	4788.9	3736.0	2555.8	1732.2	1350.1	1188.7	1129.3	1103.8	1095.3	1095.3
12.5°	5442.7	4950.2	3481.3	2054.8	1367.0	1163.3	1078.4	1044.4	1018.9	1001.9	1001.9
15°	5816.3	5154.0	3184.1	1689.7	1197.2	1069.9	1001.9	968.0	934.0	925.5	925.5
17.5°	6291.8	5366.3	2920.9	1452.0	1112.3	1001.9	934.0	891.6	866.1	857.6	857.6
20°	6818.2	5629.5	2657.7	1316.1	1052.9	934.0	866.1	832.1	806.6	789.7	798.2
22.5°	7489.0	5960.7	2487.9	1248.2	1001.9	874.6	806.6	772.7	747.2	730.2	738.7
25°	8227.7	6376.7	2394.5	1248.2	968.0	832.1	755.7	721.7	696.3	679.3	679.3
27.5°	9127.8	6843.7	2402.9	1299.1	959.5	798.2	713.2	679.3	653.8	628.3	628.3
30°	10121.2	7395.6	2496.3	1392.5	976.5	764.2	679.3	628.3	611.3	585.9	585.9
32.5°	11174.1	8032.5	2734.1	1511.4	959.5	721.7	628.3	585.9	560.4	543.4	543.4
35°	12286.4	8754.2	3031.3	1562.3	874.6	662.3	585.9	543.4	526.4	517.9	509.5
37.5°	13347.8	9382.5	3192.6	1460.4	764.2	611.3	534.9	492.5	484.0	467.0	467.0
40°	14171.4	9900.5	3099.2	1248.2	704.8	560.4	492.5	450.0	433.0	416.1	416.1
42.5°	14655.4	10087.3	2759.6	1061.4	662.3	509.5	450.0	407.6	390.6	382.1	382.1
45°	14935.6	10061.8	2360.5	951.0	619.8	467.0	407.6	382.1	356.6	348.1	339.6
47.5°	14927.1	9798.6	2071.8	857.6	577.4	433.0	382.1	356.6	331.1	322.7	322.7
50°	14867.7	9408.0	1749.1	789.7	543.4	407.6	356.6	339.6	314.2	305.7	297.2
52.5°	15012.0	9187.2	1460.4	747.2	501.0	390.6	348.1	322.7	288.7	280.2	280.2
55°	15190.3	9059.9	1171.8	704.8	467.0	382.1	331.1	305.7	271.7	263.2	263.2
57.5°	14672.4	8575.9	968.0	636.8	424.5	365.1	314.2	297.2	263.2	237.7	237.7
60°	13042.1	7090.0	798.2	560.4	390.6	339.6	297.2	271.7	237.7	203.8	203.8
62.5°	10605.2	5408.7	662.3	475.5	365.1	314.2	271.7	246.2	203.8	161.3	161.3
64°	*9212.7*	*4593.6*	*594.4*	*416.1*	*348.1*	*288.7*	*246.2*	*220.8*	*178.3*	*135.9*	*127.4*
65°	8261.7	4058.7	551.9	390.6	339.6	271.7	237.7	212.3	161.3	127.4	118.9
67.5°	5816.3	2725.6	441.5	322.7	297.2	229.3	203.8	178.3	144.3	110.4	101.9
70°	3387.9	1545.4	348.1	271.7	229.3	178.3	169.8	161.3	127.4	84.9	84.9
72.5°	1842.5	772.7	263.2	220.8	178.3	127.4	144.3	127.4	101.9	67.9	59.4
75°	1129.3	475.5	195.3	161.3	118.9	93.4	110.4	93.4	59.4	42.5	34.0
77.5°	755.7	305.7	144.3	110.4	76.4	59.4	76.4	50.9	25.5	8.5	8.5
80°	467.0	212.3	93.4	67.9	42.5	25.5	17.0	8.5	8.5	0.0	0.0
82.5°	203.8	135.9	50.9	34.0	17.0	8.5	8.5	0.0	0.0	0.0	0.0
85°	110.4	42.5	17.0	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	34.0	17.0	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-11

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-840-U-5WQ

Data in this report applies to families of products including GSS-SB1A-840-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

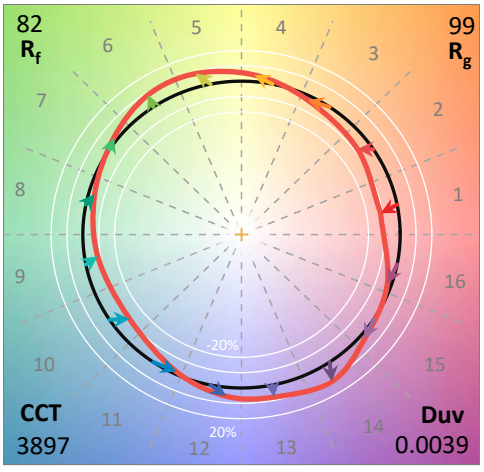
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-11
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	10/15/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGraw-Edison
Catalog Number:	**GSS-SB1A-840-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3897
CIE u':	0.2249
CIE v':	0.5084
Duv:	0.0039
CIE x:	0.3882
CIE y:	0.3900
CIE z:	0.2218
Peak Wavelength (nm):	445
Dominant Wavelength (nm):	577
Purity:	33.54925
Rf:	81.8
Rg:	98.6

CRI (Ra):	80.2
R1:	78.9
R2:	83.5
R3:	88.3
R4:	82.1
R5:	78.8
R6:	78.4
R7:	85.8
R8:	65.8
R9:	6.7
R10:	61.9
R11:	81.9
R12:	58.9
R13:	79.2
R14:	93.2
R15:	71.9



Test Conditions

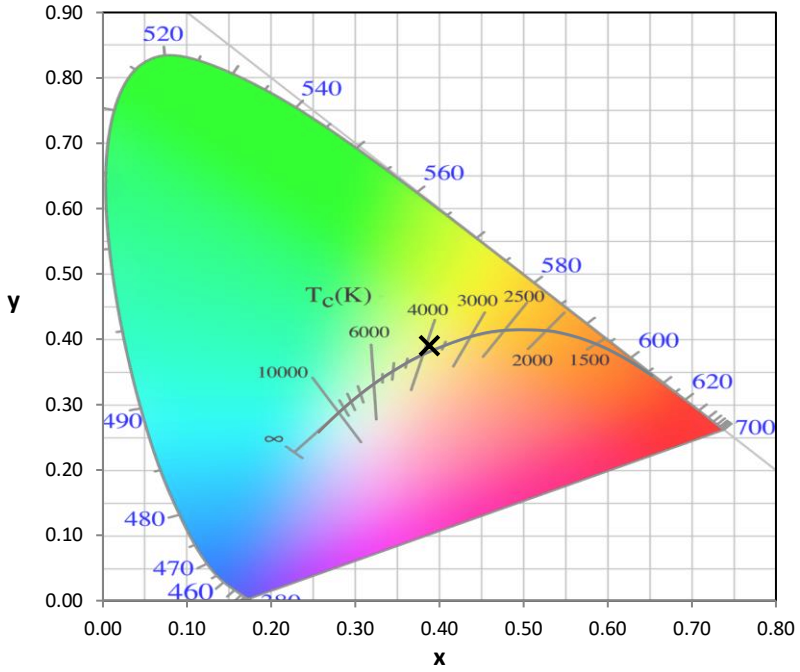
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

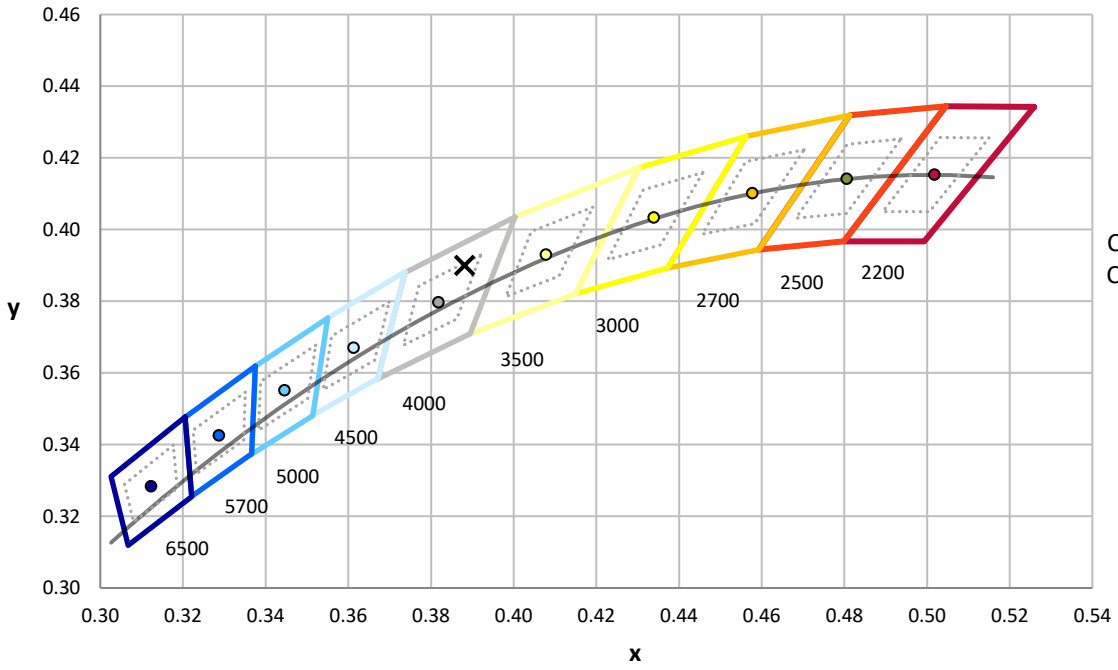
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2407-184-11

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles

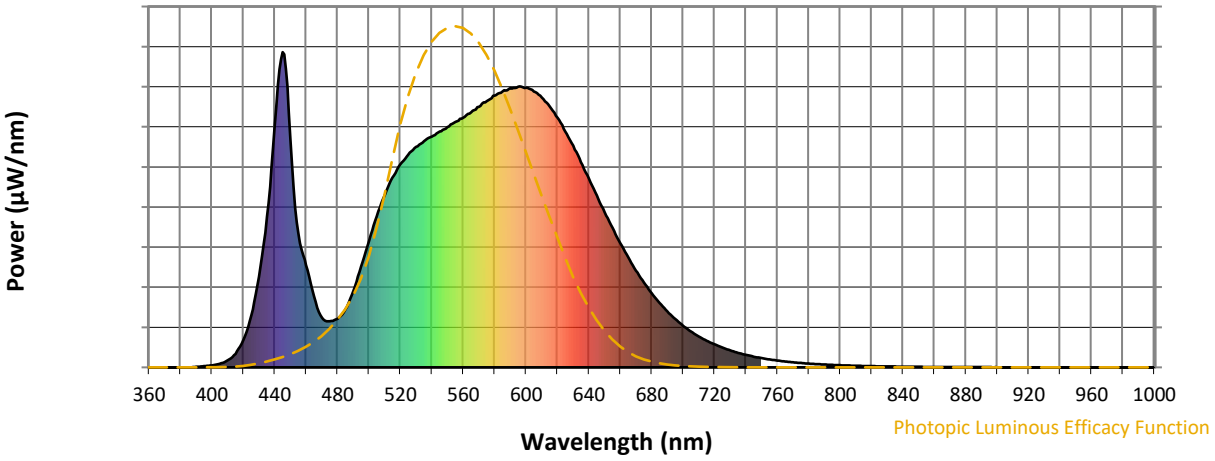


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-11

Photopic Flux vs. Wavelength



Photopic Lumens: NR

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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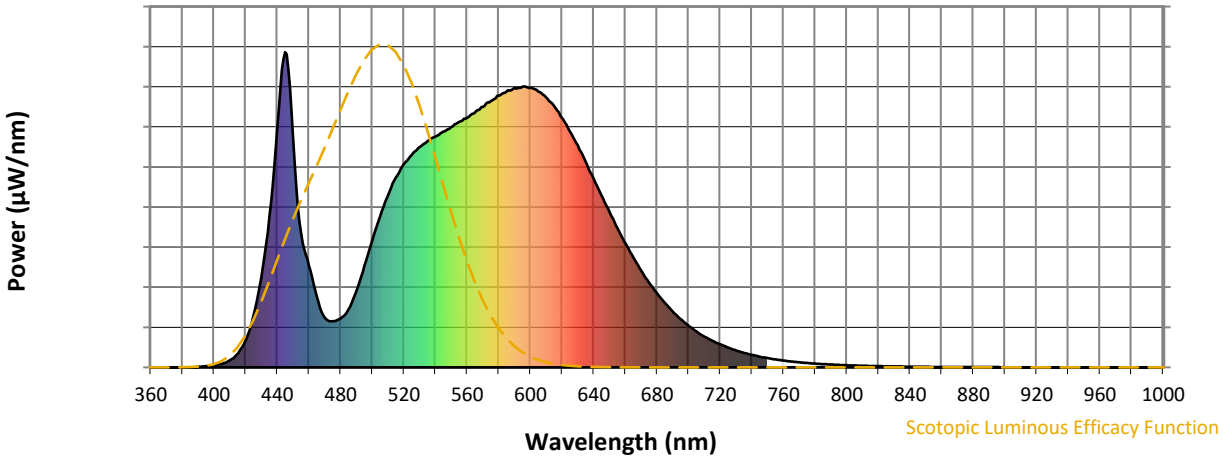
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.57**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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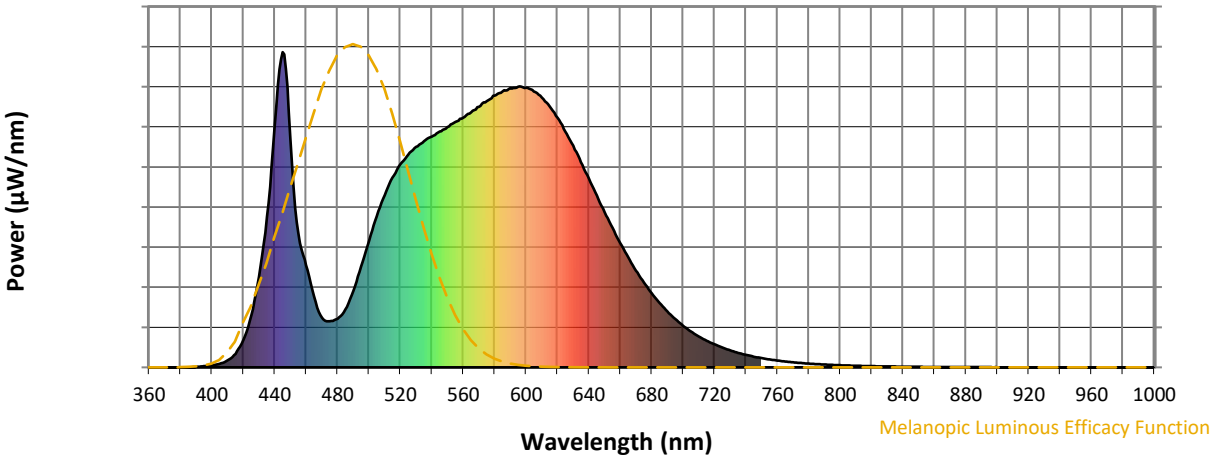
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.06**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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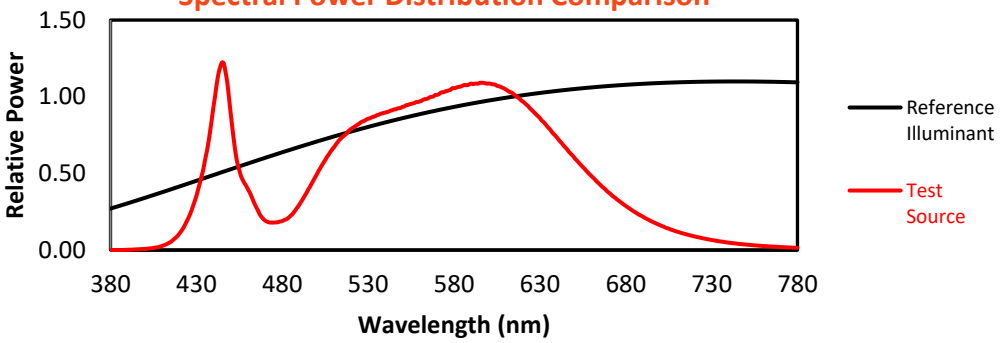
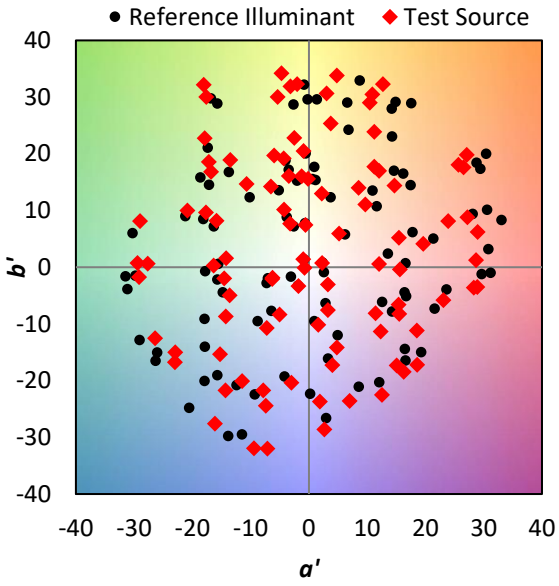
Summary

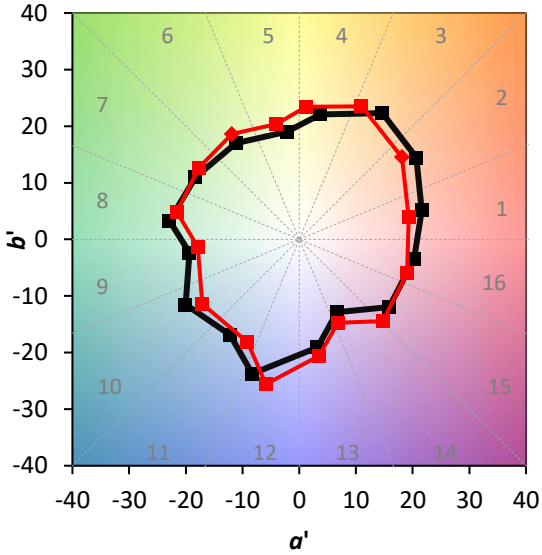
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

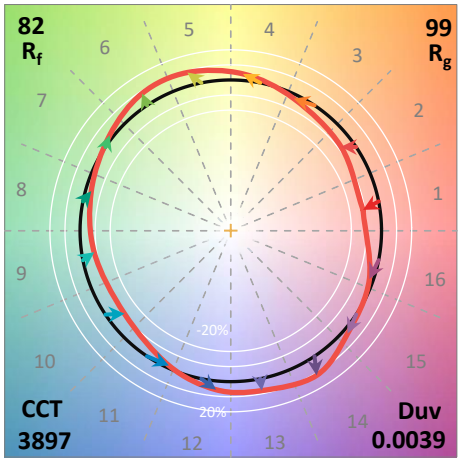
Spectral Power Distribution Comparison

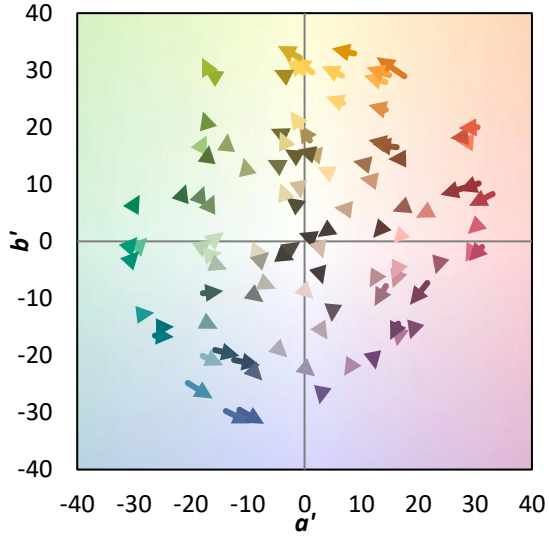


Color Vector Graphics









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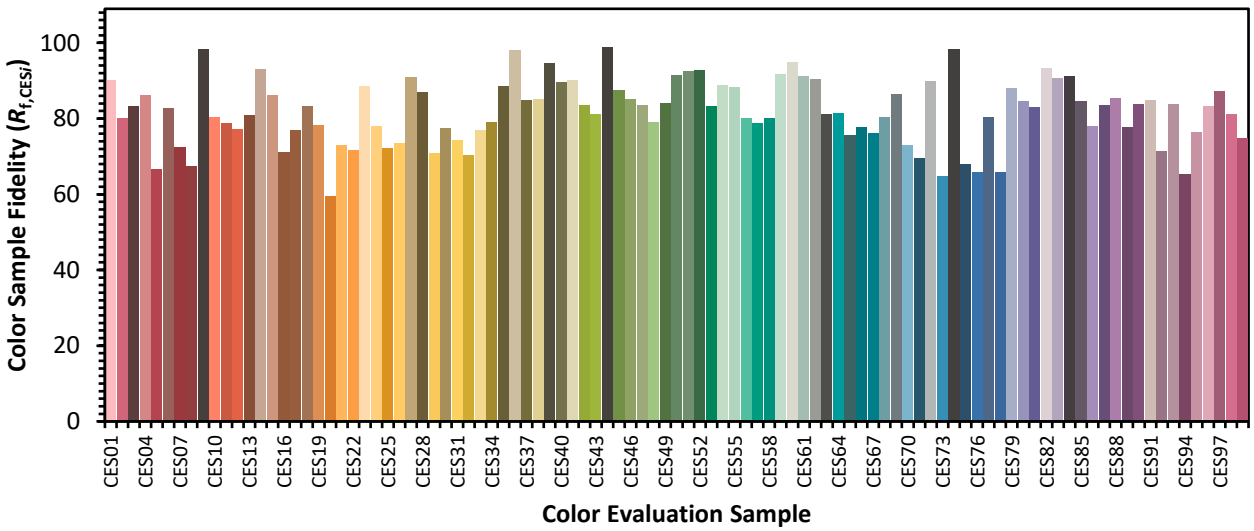
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 93
CES08 = 40	CES33 = 77	CES58 = 80	CES83 = 91
CES09 = 29	CES34 = 79	CES59 = 92	CES84 = 91
CES10 = 74	CES35 = 88	CES60 = 95	CES85 = 84
CES11 = 57	CES36 = 98	CES61 = 91	CES86 = 78
CES12 = 63	CES37 = 85	CES62 = 90	CES87 = 84
CES13 = 42	CES38 = 85	CES63 = 81	CES88 = 85
CES14 = 74	CES39 = 95	CES64 = 81	CES89 = 78
CES15 = 71	CES40 = 90	CES65 = 76	CES90 = 84
CES16 = 47	CES41 = 90	CES66 = 78	CES91 = 85
CES17 = 49	CES42 = 84	CES67 = 76	CES92 = 71
CES18 = 56	CES43 = 81	CES68 = 80	CES93 = 84
CES19 = 71	CES44 = 99	CES69 = 86	CES94 = 65
CES20 = 65	CES45 = 87	CES70 = 73	CES95 = 77
CES21 = 86	CES46 = 85	CES71 = 70	CES96 = 83
CES22 = 78	CES47 = 84	CES72 = 90	CES97 = 87
CES23 = 91	CES48 = 79	CES73 = 65	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 75
CES25 = 71	CES50 = 91	CES75 = 68	



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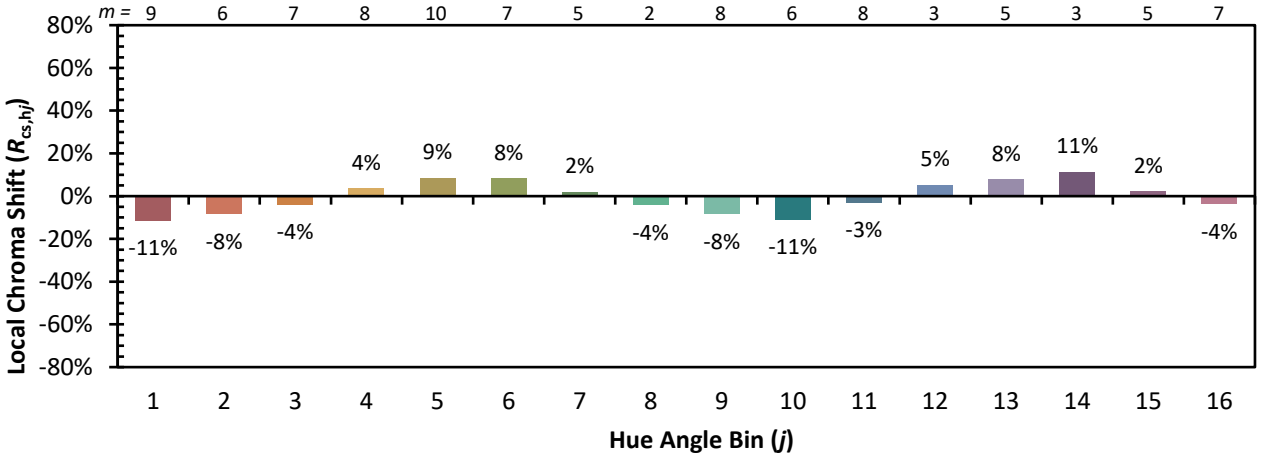
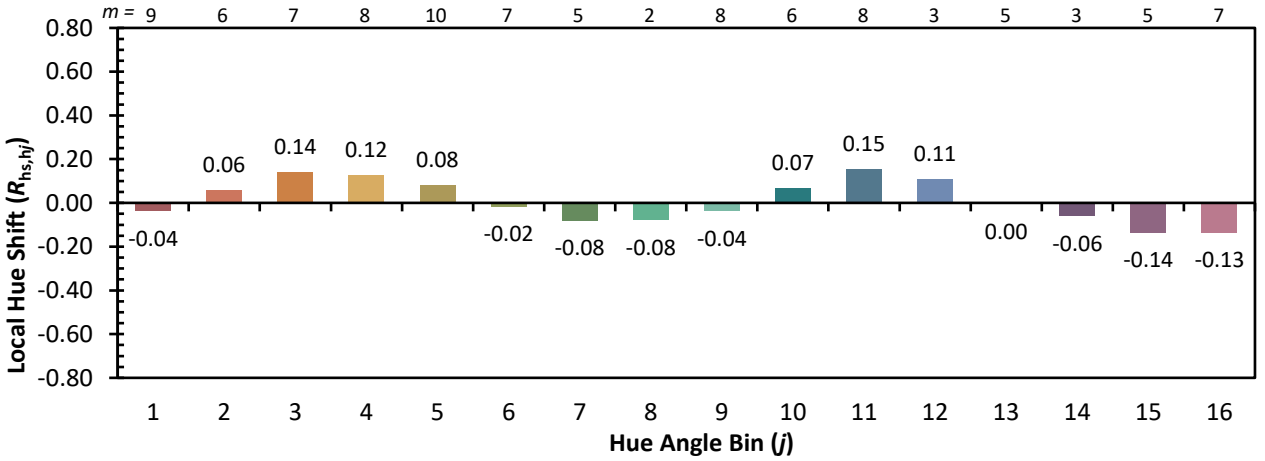
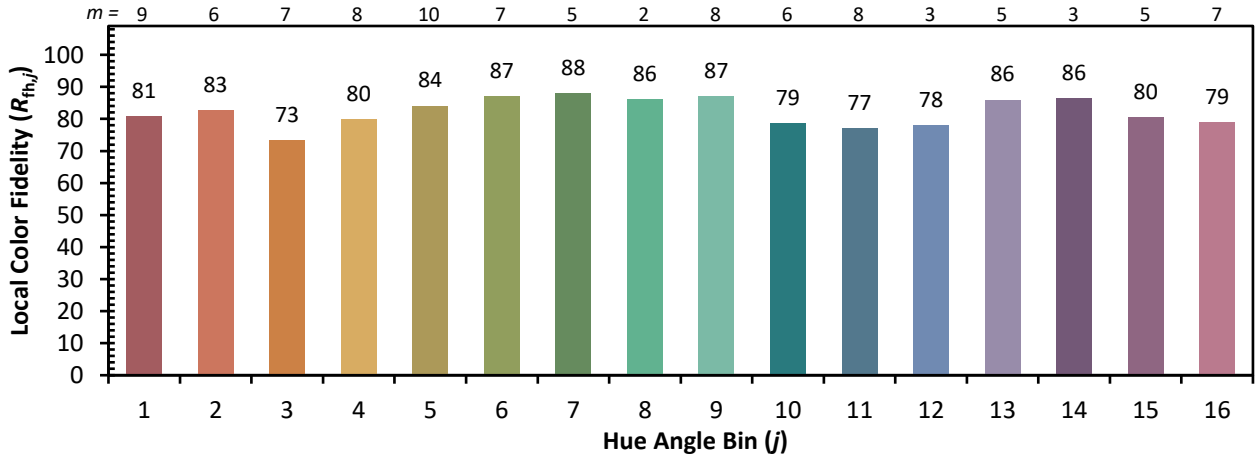
Color Rendition by Hue-Angle Bin







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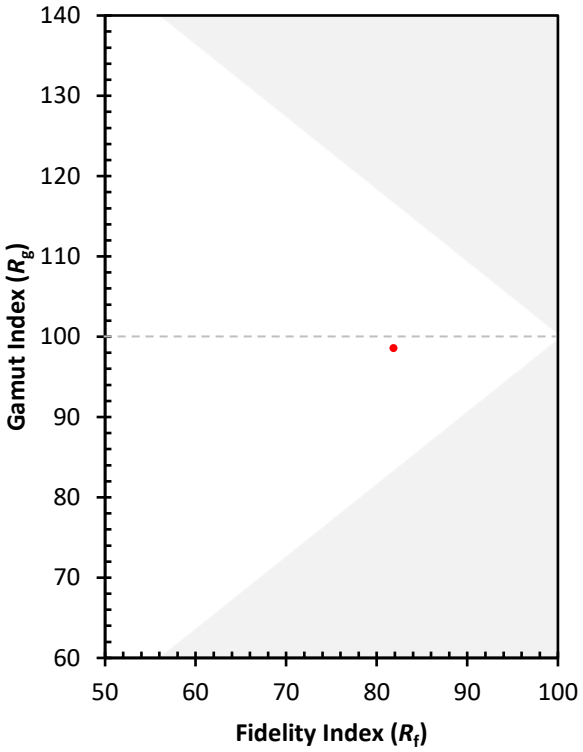
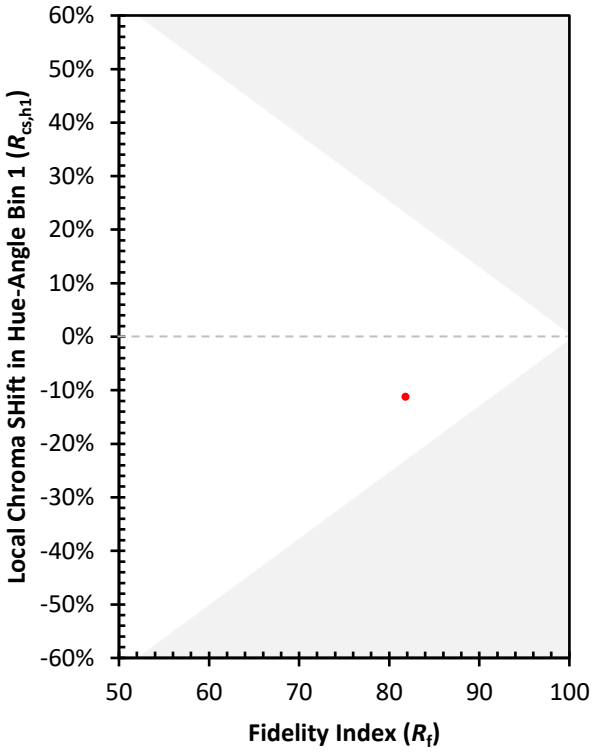
Measure Comparisons





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